



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D3681-1
Job Sheet 195295



Part No: D3681-1

Job Qty: 250 pcs

Part Name: Spacer



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 5/16/19

Job Tracking No:

Due Date: 2/14/20

Created By: Kimberley Guerin

Type: Stock

Description:

Note: DWG REV A IPP Rev A new issue 07-10-30 DD verified by:EC IPP Rev:B Ecn 1056 Rev A dwg DD IPP Rev:C
add seq 125 DD 10.05.03 verified by:EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
125	Purchasing	250 pcs		2/14/20	0.00	0.00	Purchasing - 1		K FEB 28 2020
							Purchasing - 2		
							Purchasing - 3		
130	Packaging 2-1 - Receive - B4B	250 pcs		2/14/20	0.00	0.00	Packaging 2 - 1 - B4B		NE FEB 28 2020
							Packaging 2 - 2 - B4B		
							Packaging 2 - 3 - B4B		
							Packaging 2 - 5 - B4B		
							Packaging 2 - 4 - B4B		
							Packaging 2 - 6 - B4B		
							Packaging 2 - 7 - B4B		
							Packaging 2 - 8 - B4B		
							Packaging 2 - 9 - B4B		
							Packaging 2 - 10 - B4B		
							Packaging 2 - 11 - B4B		
							Packaging 2 - 12 - B4B		
							Packaging 2 - 13 - B4B		
							Packaging 2 - 14 - B4B		
							Packaging 2 - 15 - B4B		
							Packaging 2 - 16 - B4B		
							Packaging 2 - 17 - B4B		
							Packaging 2 - 18 - B4B		
							Packaging 2 - 19 - B4B		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL : 1 613 632 - 5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S259237



Part: D3681-1

Job No: 195295

Serial No/Batch: S259237

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 02/28/20

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				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	
				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
135 QC 6	250 pcs	2/14/20	0.00 0.00	QC 6 - 9	
				QC 6 - 68	DAS
				QC 6 - 61	81
				QC 6 - 40	9-89
					MAR 13 2020
140 Packaging 3-1 - Stock - B4B	250 ✓ pcs	2/14/20	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B ✓	DAS
				Packaging 3 - 4 - B4B	LE004 80
				Packaging 3 - 5 - B4B	9-89
				Packaging 3 - 6 - B4B	MAR 16 2020
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 -	
				Plex 5/16/19 3:59 PM Dart.Guerin.Kimberley	

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				B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
150 QC 21 - SA	250 pcs	2/14/20	0.00 0.00	QC 21 - SA - 21 ✓	LE004
				QC 21 - SA - 70	MAR 16 2020
				QC 21 - SA - 53	

Part Op 125 - ISSUE P/O: _____ SUPPLIER: E.T.M. INDUSTRIES INC. MANUFACTURE AS PER DWG
 Descriptions: C OF C IS REQUIRED
 140 - Identify as per dwg & Stock Location: _____ ***STOCK IN SKIDTUBE CELL***
 150 - QC21- Final Inspection - Work Order Release

Job BOM

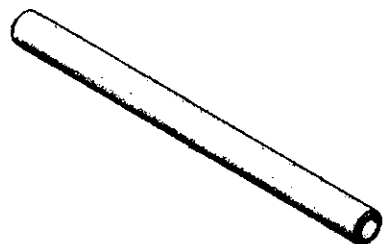
Part / Item	Component Name	Quantity	Operation	Container
D3681-1P	Spacer	250 Ea (1 ea)	125-Purchasing	5259236

Job Allocations

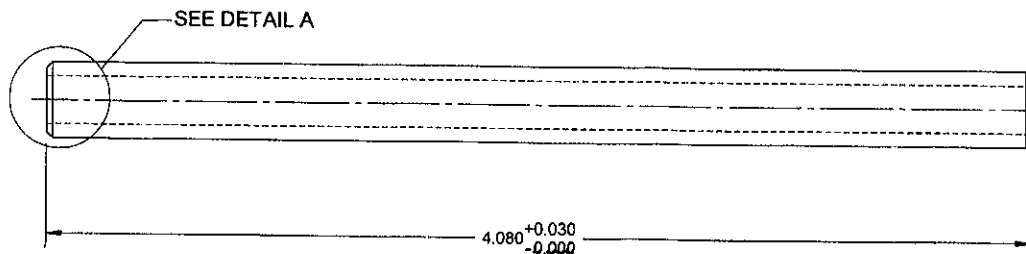
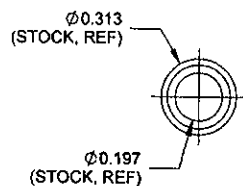
Operation	Component Part	Required	Inventory	Allocated
125-Purchasing	D3681-1P	250	0	0

Part Specifications					
Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Spacer	0.313inches $\pm$ 0.010	0.323 0.303		
2	Spacer	0.197inches $\pm$ 0.010	0.207 0.187		
3	Spacer	4.080inches + 0.030 - 0.000	4.110 4.080		
4	Spacer	0.025inches $\pm$ 0.010	0.035 0.015		
5	Spacer	45.0Degrees $\pm$ 0.5	45.5 44.5		

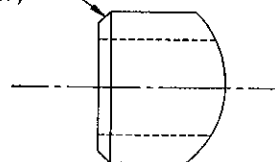
Plex 5/16/19 3:59 PM Dart.Guerin.Kimberley



D3681-1 SPACER



0.025 X 45°
CHAMFER
(TYP)



DETAIL A
(SCALE 4 : 1)

RELEASED
07-11-08

NOTES:

- 1) MATERIAL: 6061-T6 OR 6061-T62 ALUMINUM TUBING 0.313" OD X 0.058" WALL
PER WW-T-700/6 OR AMS 4080 OR AMS 4082
OR QQ-A-200/8 OR QQ-A-225/8
(REF. DART SPEC. M6061T6T0.313W.058)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.02 lbs

A		NEW ISSUE		DC		07.11.08	
REV.		DESCRIPTION		BY		DATE	
DESIGN		DART AEROSPACE USA, INC. PORT HADLOCK, WA					
DRAWN							
CHECKED		DRAWING NO.				REV. /	
MFG. APPR.		D3681				SHEET 1 OF	
APPROVED		TITLE				SCALE	
DE APPR.		SPACER				2:	
DATE		COPYRIGHT © 2007 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.					
07.11.08							



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Tel (613) 632-5200

PURCHASE ORDER

POHB043487



Supplier: EFM001-VC
E.T.M. Industries Inc.
2101 Main Avenue, Box 610
Renfrew
ON
K7V 4E7 Canada
Phone: 613-432-6136
Fax: 613-432-8212

PO No: POHB043487
PO Date: 5/17/19
Due Date: 5/15/20
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items													
Line Item	Part No	Drawing	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	195283	D2579P			Crossbolt Spacer : as per Dwg D2579 RevE	Received	-	9/6/19	50 Ea	50 Ea	0 Ea	\$2.90/Ea	\$0.00
2	195283	D2579P			Crossbolt Spacer : as per Dwg D2579 RevE	Received	-	11/15/19	50 Ea	50 Ea	0 Ea	\$2.90/Ea	\$0.00
3	195294	D2579P			Crossbolt Spacer : as per Dwg D2579 RevE	Firmed <i>XSB</i>	-	2/14/20	50 Ea	0 Ea	50 Ea	\$2.90/Ea	\$145.00
4	195305	D2579P			Crossbolt Spacer : as per Dwg D2579 RevE	Firmed	-	5/15/20	50 Ea	0 Ea	50 Ea	\$2.90/Ea	\$145.00
5	195271	D3681-1P			Spacer : as per Dwg D3681-1 RevA	Received	-	9/6/19	250 Ea	250 Ea	0 Ea	\$3.75/Ea	\$0.00
6	195294	D3681-1P			Spacer : as per Dwg D3681-1 RevA	Firmed <i>X250</i>	-	11/15/19	250 Ea	0 Ea	250 Ea	\$3.75/Ea	\$937.50

JAN 29 2020

DEC 17 2019

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PURCHASE ORDER

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				Items											
Line Item	Job	Part	Drawing	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price	
	195295	D3681-1P				Spacer : as per Dwg D3681-1 RevA	Firmed <i>K250</i>	-	2/14/20	250 Ea	0 Ea	250 Ea	\$3.75/Ea	\$937.50	<i>K</i>
	195306	D3681-1P				Spacer : as per Dwg D3681-1 RevA	Firmed	-	5/15/20	250 Ea	0 Ea	250 Ea	\$3.75/Ea	\$937.50	
9	195272	D3903-1P				Spacer : as per Dwg D3903-1 RevB	Received	-	9/6/19	200 Ea	200 Ea	0 Ea	\$3.75/Ea	\$0.00	
10	195285	D3903-1P				Spacer : as per Dwg D3903-1 RevB	Received	-	11/15/19	200 Ea	200 Ea	0 Ea	\$3.75/Ea	\$0.00	
11	195296	D3903-1P				Spacer : as per Dwg D3903-1 RevB	Firmed <i>K200</i>	-	2/14/20	200 Ea	0 Ea	200 Ea	\$3.75/Ea	\$750.00	<i>K</i>
12	195307	D3903-1P				Spacer : as per Dwg D3903-1 RevB	Firmed	-	5/15/20	200 Ea	0 Ea	200 Ea	\$3.75/Ea	\$750.00	
13	195273	D3490-1P				Crossbolt Spacer : as per Dwg D3490-1 RevA	Received	-	9/6/19	101 Ea	101 Ea	0 Ea	\$3.90/Ea	\$0.00	
Line Item Note				Material WW-T-700/6 can be use											
14	195286	D3490-1P				Crossbolt Spacer : as per Dwg D3490-1 RevA	Received	-	11/15/19	100 Ea	100 Ea	0 Ea	\$3.90/Ea	\$0.00	
Line Item Note				Material WW-T-700/6 can be use											

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Items													Unit	Extended
Line Item	Job	Part	Drawing	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Price (CAD)	Price
15	195297	D3490-1P				Crossbolt Spacer : as per Dwg D3490-1 RevA	Firmed X100	-	2/14/20	100 Ea	0 Ea	100 Ea	\$3.90/Ea	\$390.00
Line Item Note: Material WW-T-700/6 can be use														
	195308	D3490-1P				Crossbolt Spacer : as per Dwg D3490-1 RevA	Firmed	-	5/15/20	100 Ea	0 Ea	100 Ea	\$3.90/Ea	\$390.00
Line Item Note: Material WW-T-700/6 can be use														
17	195275	D2743P				Crossbolt Spacer : as per Dwg D2743 RevB	Received	-	9/6/19	250 Ea	250 Ea	0 Ea	\$2.95/Ea	\$0.00
18	195287	D2743P				Crossbolt Spacer : as per Dwg D2743 RevB	Received	-	11/15/19	250 Ea	250 Ea	0 Ea	\$2.95/Ea	\$0.00
19	195298	D2743P				Crossbolt Spacer : as per Dwg D2743 RevB	Firmed X250	-	2/14/20	250 Ea	0 Ea	250 Ea	\$2.95/Ea	\$737.50
20	195309	D2743P				Crossbolt Spacer : as per Dwg D2743 RevB	Firmed	-	5/15/20	250 Ea	0 Ea	250 Ea	\$2.95/Ea	\$737.50
21	195276	D2649P				Crossbolt Spacer : as per Dwg D2649 RevB1	Received	-	9/6/19	75 Ea	75 Ea	0 Ea	\$2.25/Ea	\$0.00
22	195288	D2649P				Crossbolt Spacer : as per Dwg D2649 RevB1	Received	-	11/15/19	75 Ea	75 Ea	0 Ea	\$2.25/Ea	\$0.00
23	195299	D2649P				Crossbolt Spacer : as per Dwg D2649 RevB1	Received	-	2/14/20	75 Ea	75 Ea	0 Ea	\$2.25/Ea	\$0.00

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Items													Unit	Extended
Line Item	Job	Part	Drawing	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Price (CAD)	Price
24	195310	D2649P				Crossbolt Spacer : as per Dwg D2649 RevB1	Firmed	-	5/15/20	75 Ea	0 Ea	75 Ea	\$2.25/Ea	\$168.75
NOV 20 2019														
25	195277	D3275-1P				Crossbolt Spacer : as per Dwg D3275-1 RevA1	Received	-	9/6/19	62 Ea	62 Ea	0 Ea	\$2.25/Ea	\$0.00
Line Item Note: Material WW-T-700/6 can be use														
26	195289	D3275-1P				Crossbolt Spacer : as per Dwg D3275-1 RevA1	Received	-	11/15/19	62 Ea	62 Ea	0 Ea	\$2.25/Ea	\$0.00
Line Item Note: Material WW-T-700/6 can be use														
27	195300	D3275-1P				Crossbolt Spacer : as per Dwg D3275-1 RevA1	Firmed	-	2/14/20	62 Ea	0 Ea	62 Ea	\$2.25/Ea	\$139.50
JAN 29 2020														
Line Item Note: Material WW-T-700/6 can be use														
28	195311	D3275-1P				Crossbolt Spacer : as per Dwg D3275-1 RevA1	Firmed	-	5/15/20	62 Ea	0 Ea	62 Ea	\$2.25/Ea	\$139.50
Line Item Note: Material WW-T-700/6 can be use														
29	195278	D5518-1P				Crossbolt Spacer : as per Dwg D5518-1 RevA	Received	-	9/6/19	50 Ea	50 Ea	0 Ea	\$2.20/Ea	\$0.00
30	195290	D5518-1P				Crossbolt Spacer : as per Dwg D5518-1 RevA	Received	-	11/15/19	50 Ea	50 Ea	0 Ea	\$2.20/Ea	\$0.00

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PURCHASE ORDER

POHB043487



Items

Line Item	Job	Part	Drawing	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
31	195303	D5518-1P				Crossbolt Spacer : as per Dwg D5518-1 RevA	Firmed X50	-	DEC 19 2019	50 Ea	0 Ea	50 Ea	\$2.20/Ea	\$110.00 110
32	195312	D5518-1P				Crossbolt Spacer : as per Dwg D5518-1 RevA	Firmed X50	-	DEC 19 2019	50 Ea	0 Ea	50 Ea	\$2.20/Ea	\$110.00 110
33	195279	D4202-1P				Spacer : as per Dwg D4202-1 RevD	Received	-	9/6/19	750 Ea	750 Ea	0 Ea	\$3.10/Ea	\$0.00
34	195291	D4202-1P				Spacer : as per Dwg D4202-1 RevD	Received	-	11/15/19	749 Ea	749 Ea	0 Ea	\$3.10/Ea	\$0.00
35	195302	D4202-1P				Spacer : as per Dwg D4202-1 RevD	Firmed	-	2/14/20	750 Ea	0 Ea	750 Ea	\$3.10/Ea	\$2,325.00
36	195313	D4202-1P				Spacer : as per Dwg D4202-1 RevD	Firmed	-	5/15/20	750 Ea	0 Ea	750 Ea	\$3.10/Ea	\$2,325.00
37	195280	D4720-1P				Spacer : as per Dwg D4720-1 RevB	Received	-	9/6/19	249 Ea	249 Ea	0 Ea	\$3.00/Ea	\$0.00
38	195292	D4720-1P				Spacer : as per Dwg D4720-1 RevB	Received	-	11/15/19	250 Ea	250 Ea	0 Ea	\$3.00/Ea	\$0.00
39	195303	D4720-1P				Spacer : as per Dwg D4720-1 RevB	Firmed X450	-	2/14/20	250 Ea	250 Ea	0 Ea	\$3.00/Ea	\$750.00 750

FEB 12 2020

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Items														
Line Item	Job	Part	Drawing	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
	195314	D4720-1P				Spacer : as per Dwg D4720-1 RevB	Firmed	-	5/15/20	250 Ea	0 Ea	250 Ea	\$3.00/Ea	\$750.00
41	195281	D4686-1P	D4686 B			Spacer : as per Dwg D4686-1 RevB	Received	-	9/6/19	75 Ea	75 Ea	0 Ea	\$3.75/Ea	\$0.00
42	195293	D4686-1P	D4686 B			Spacer : as per Dwg D4686-1 RevB	Firmed	-	11/15/19	75 Ea	0 Ea	75 Ea	\$3.75/Ea	\$281.25
							X75						NOV 13 2019	
43	195304	D4686-1P	D4686 B			Spacer : as per Dwg D4686-1 RevB	Firmed	-	2/14/20	75 Ea	0 Ea	75 Ea	\$3.75/Ea	\$281.25
	195315	D4686-1P	D4686 B			Spacer : as per Dwg D4686-1 RevB	Firmed	-	5/15/20	75 Ea	0 Ea	75 Ea	\$3.75/Ea	\$281.25
45	203238	D4686-1P	D4686 B			Spacer : as per Dwg D4686-1 RevB	Firmed	-	11/14/19	75 Ea	0 Ea	75 Ea	\$0.01/Ea	\$0.75
							X75						NOV 13 2019	
Line Item Note NO CHARGE REPLACEMENT LINE FOR LINE 41 (DEFECTIVE)														
Grand Total:													\$14,519.75	

Order Notes

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A008 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION SENT TO DART AEROSPACE)
A012 CHEMICAL AND PHYSICAL TEST REPORTS
A016 PERSONNEL QUALIFICATION
A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing (Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

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E.T.M. INDUSTRIES INC.
310 HALL AVENUE
BOX 610
RENFREW, ON K7V 4E7
Canada

Ph: 613-432-6136

Fax: 613-432-8212

Pack List

Number: 146216

Date: 26-Feb-20

To

DART AEROSPACE
1270 ABERDEEN STREET
dbates@dartaero.com
HAWKESBURY, ON K6A 1K7
Canada

Ship To

Patrick Lussier
DART AEROSPACE
1270 ABERDEEN STREET
dbates@dartaero.com
HAWKESBURY, ON K6A 1K7
Canada

Ph: 613-632-5200

Fax: 613-632-5246

Ph: 613-632-5200

Fax: 613-632-5246

Terms		Ship Via	
Net 30 days			
Quantity	Description	Rev:	Line:
250 each	Part: D3681-1P SPACER SO: 25664 **LOT #107183	A	7R1
PO: POHB043487			
CERTIFICATE OF COMPLIANCE: "I hereby certify that the material described above is in conformance with applicable physical and dimensional specifications; that it was manufactured in accordance with applicable process specifications; and has been inspected to verify conformance to those specifications." APPROVED SIGNATORY (QUALITY ASSURANCE)			

RECEIVED
FEB 27 2020
DART AEROSPACE LTD.